STORM STRUCTURE TABLE

STRUCTURE ID	AREA ID	TOP OF GRATE	STRUCTURE INFO							OUTLET PIPE INFO		ICD INFO		
			INLET	INLET	INLET	OUTLET	SIZE	OPSD	COVER	DIAMETER	TYPE	HEAD (m)	FLOW (l/s)	ICD TYPE
PARCEL 2														
DICB201	B-EXT1, B-101	100.77			99.770	98.570	600X600mm	OPSD 705.010	OPSD 403.010	250	PVC SDR-35			
CB202	B-105	103.50				99.997	600X600mm	OPSD 705.010	S19.1	200	PVC SDR-35			
CB203	B-109	101.65				99.884	600X600mm	OPSD 705.010	S19.1	200	PVC SDR-35			
CB204	B-107, B-108	103.34			102.340	101.117	600X600mm	OPSD 705.010	S19.1	200	PVC SDR-35			
STMH201		101.55		99.097	98.732	98.732	1200mm DIA.	OPSD 701.010	S24.1	300	PVC SDR-35			
STMH202		101.94	99.233	99.273	99.273	99.213	1200mm DIA.	OPSD 701.010	S24.1	300	PVC SDR-35			
CBMH203		101.92			99.273	99.253	1200mm DIA.	OPSD 701.010	S28.1	300	PVC SDR-35	1.5	56.16	150mm Dia.
STMH204		102.21			99.335	99.285	1200mm DIA.	OPSD 701.010	S24.1	450	CONC. CL 100-D			
STMH205		103.00			99.387	99.367	1200mm DIA.	OPSD 701.010	S24.1	450	CONC. CL 100-D			
STMH206		103.31			99.526	99.466	1200mm DIA.	OPSD 701.010	S28.1	450	CONC. CL 100-D			
CBMH207	B-106	103.15			99.572	99.552	1200mm DIA.	OPSD 701.010	S28.1	450	CONC. CL 100-D			
CBMH208	B-104	103.65			99.721	99.646	1200mm DIA.	OPSD 701.010	S24.1	450	CONC. CL 100-D			
CBMH209	B-102	103.75				100.032	1200mm DIA.	OPSD 701.010	S28.1	250	PVC SDR-35			
STMH210		102.45			99.689	99.669	1200mm DIA.	OPSD 701.010	S28.1	250	PVC SDR-35			
STMH211		103.26			100.766	100.544	1200mm DIA.	OPSD 701.010	S28.1	250	PVC SDR-35			
STMH212		103.77		100.909	100.949	100.889	1200mm DIA.	OPSD 701.010	S24.1	250	PVC SDR-35			
STMH213		104.68				101.143	1200mm DIA.	OPSD 701.010	S24.1	250	PVC SDR-35			
STMH214		103.88		101.046	101.086	101.026	1200mm DIA.	OPSD 701.010	S24.1	250	PVC SDR-35			
STMH215		104.70			100.096	100.066	1200mm DIA.	OPSD 701.010	S24.1	250	PVC SDR-35			
STMH216		104.12				101.176	1200mm DIA.	OPSD 701.010	S24.1	250	PVC SDR-35			
CBMH217	B-103	103.75			99.939	99.889	1200mm DIA.	OPSD 701.010	S24.1	300	PVC SDR-35			
STMH218		103.90		99.878	99.828	99.753	1200mm DIA.	OPSD 701.010	S24.1	375	PVC SDR-35			
STMH219		104.73				101.274	1200mm DIA.	OPSD 701.010	S24.1	250	PVC SDR-35			
STMH220		101.93			99.362	99.302	1200mm DIA.	OPSD 701.010	S24.1	250	PVC SDR-35			
ECB206		104.40				103.400	300mm DIA.	S30	S30	250	HDPE			
TCB207		104.53			103.530	103.530	300mm DIA.	S30	S30	250	HDPE			
ECB208		104.81			103.810	103.810	300mm DIA.	S30	S30	250	HDPE			
ECB209		104.81				103.810	300mm DIA.	S30	S30	250	HDPE			
ECB210		103.85				102.850	300mm DIA.	S30	S30	250	HDPE			
ECB211		101.42				100.570	300mm DIA.	S30	S30	250	HDPE			
TCB212		101.40			100.500	100.500	300mm DIA.	S30	S30	250	HDPE			
TCB213		101.50			100.300	100.300	300mm DIA.	S30	S30	250	HDPE			
TCB214		101.26			100.060	100.060	300mm DIA.	S30	S30	250	HDPE			

SAN STRUCTURE TABLE

STRUCTURE ID	TOP OF GRATE ELEVATION	INVERT				DESCRIPTION		
		INLET	INLET	INLET	OUTLET	SIZE	OPSD	COVER
PARCEL 2								
SAMH201	104.12				100.769	1200mm DIA.	OPSD-701.010	S24
SAMH202	104.78				101.055	1200mm DIA.	OPSD-701.010	S24
SAMH203	103.89		100.407	100.447	100.387	1200mm DIA.	OPSD-701.010	S24
SAMH204	104.73				100.962	1200mm DIA.	OPSD-701.010	S24
SAMH205	103.69		99.953	100.337	99.933	1200mm DIA.	OPSD-701.010	S24
SAMH206	103.41			99.524	99.464	1200mm DIA.	OPSD-701.010	S24
SAMH207	102.36			98.973	98.953	1200mm DIA.	OPSD-701.010	S24
SAMH208	101.87		98.426	98.386	98.366	1200mm DIA.	OPSD-701.010	S24

PIPE CROSSING TABLE - PARCEL 2

		Obvert	Invert			Obvert	Invert	
16	200mmØ W/M	101.460	101.260	0.608	Clearance Over	100.652	100.452	200mmØ PVC SAN
17	200mmØ W/M	101.444	101.244	1.056	Clearance Over	100.188	99.938	250mmØ PVC STM
18	200mmØ W/M	100.568	100.368	0.500	Clearance Under	101.318	101.068	250mmØ PVC STM
19	200mmØ PVC SAN	100.670	100.470	0.312	Clearance Over	100.158	99.908	250mmØ PVC STM
20	200mmØ PVC SAN	100.692	100.492	0.362	Clearance Under	101.304	101.054	250mmØ PVC STM
21	300mmØ PVC STM	100.135	99.835	0.884	Clearance Under	101.269	101.019	250mmØ PVC STM
22	200mmØ CB Lead	100.081	99.881	0.836	Clearance Under	101.167	100.917	250mmØ PVC STM
23	200mmØ PVC SAN	100.559	100.359	0.301	Clearance Over	100.058	99.608	450mmØ CONC STM
24	200mmØ PVC SAN	100.492	100.292	0.390	Clearance Under	101.132	100.882	250mmØ PVC STM
25	200mmØ W/M	101.189	100.989	0.901	Clearance Over	100.088	99.888	200mmØ PVC SAN
26	200mmØ W/M	101.189	100.989	0.939	Clearance Over	100.050	99.600	450mmØ CONC STM
27	200mmØ W/M	100.369	100.169	0.500	Clearance Under	101.119	100.869	250mmØ PVC STM
28	150mmØ W/M	101.176	101.026	0.860	Clearance Over	100.166	99.966	200mmØ CB Lead
29	150mmØ W/M	100.491	100.341	0.500	Clearance Under	101.241	100.991	250mmØ PVC STM
30	150mmØ W/M	100.008	99.858	0.500	Clearance Under	100.708	100.508	200mmØ PVC SAN
31	200mmØ W/M	100.554	100.354	0.500	Clearance Under	101.304	101.054	250mmØ CB Lead
32	200mmØ PVC SAN	99.762	99.562	1.262	Clearance Under	101.274	101.024	250mmØ CB Lead
33	250mmØ PVC STM	101.021	100.771	0.859	Clearance Over	99.912	99.462	450mmØ CONC STM
34	200mmØ PVC SAN	99.043	98.843	0.300	Clearance Under	99.793	99.343	300mmØ PVC STM
35	200mmØ PVC SAN	98.329	98.129	0.300	Clearance Under	98.929	98.629	*Existing 300mmØ PVC STM*
36	200mmØ PVC SAN	100.934	100.734	0.500	Clearance Over	100.234	100.034	200mmØ W/M
37	250mmØ PVC STM	101.417	101.167	0.457	Clearance Over	100.710	100.510	200mmØ W/M
38	250mmØ PVC STM	100.210	99.960	0.300	Clearance Under	100.710	100.510	200mmØ W/M
39	250mmØ PVC STM	101.285	101.035	0.500	Clearance Over	100.535	100.335	200mmØ W/M
40	200mmØ PVC SAN	100.860	100.660	0.300	Clearance Under	101.360	101.160	200mmØ W/M

*Note: Provide Concrete Encased for corssing clearance less than 0.3m

WATERMAIN SCHEDULE - PARCEL 2

STATION	DESCRIPTION	FINISHED GRADE	TOP OF WATERMAIN	AS-BUILT WATERMAIN	COVER
200mm W/M Looping					
0+000	Connect to Ex. 305mm W/M WITH 300x200 TEE	105.20		102.800	2.40
0+025.00	DMA Chamber as per W3	106.55	104.150		2.40
0+026.33	45° Bend	106.57	104.170		2.40
0+027.81	45° Bend	106.60	104.200		2.40
0+058.37	45° Bend	105.28	102.880		2.40
0+059.97	45° Bend	105.30	102.900		2.40
0+078.18	45° Bend	104.28	101.880		2.40
0+079.65	45° Bend	104.23	101.830		2.40
0+080.15	200x150 TEE	104.21	101.810		2.40
0+101.44	200mm VB	103.90	101.500		2.40
0+102.54	200x200 TEE*	103.90	101.500		2.40
0+133.42	200mm VB	103.77	101.370		2.40
0+137.37	200x200 TEE*	103.66	101.260		2.40
0+157.76	200x150 TEE	103.41	101.010		2.40
0+159.38	Crossing 250mmØ CB Lead	103.53	100.554		2.98
0+162.20	200mm V&VB	103.41	101.010		2.40
0+177.14	Connect to Ex. 203mm W/M	103.18		100.780	2.40
***From 200x200 TEE to 200x200 TEE Looping**					
0+000	200x200 TEE*	103.90	101.500		2.40
0+003.00	Crossing 200mmØ PVC SAN	103.86	101.460		2.40
0+004.50	Crossing 250mmØ PVC STM	103.84	101.440		2.40
0+006.00	Crossing 250mmØ PVC STM	103.86	100.568		3.29
0+013.24	200mm VB	103.76	101.359		2.40
0+019.12	200x150 TEE	103.80	101.400		2.40
0+020.91	45.0° Bend	103.88	101.480		2.40
0+022.70	45.0° Bend	103.89	101.490		2.40
0+024.42	Crossing 200mmØ PVC SAN	103.85	100.234		3.62
0+025.92	Crossing 250mmØ PVC STM	103.81	100.710		3.10
0+027.42	Crossing 250mmØ PVC STM	103.78	100.710		3.07
0+052.24	Crossing 250mmØ PVC STM	103.73	100.535		3.20
0+053.78	Crossing 200mmØ PVC SAN	103.76	101.360		2.40
0+055.98	200x200 TEE**	103.80	101.400		2.40
0+056.78	200x200 TEE**	103.82	101.420		2.40
0+064.34	150x200 TEE***	103.63	101.230		2.40
0+064.98	150x200 TEE	103.63	101.230		2.40
0+066.33	200mm VB	103.60	101.200		2.40
0+072.68	Crossing 250mmØ PVC STM	103.61	100.369		3.24
0+074.25	Crossing 450mmØ CONC STM	103.59	101.189		2.40
0+075.73	Crossing 200mmØ PVC SAN	103.59	101.189		2.40
0+078.73	200x200 TEE*	103.66	101.260		2.40
****Dual Water Services From 200x200 TEE to Building C**					
0+000	200x200 TEE**	103.80	101.400		2.40
0+025.97	22.5 BEND	104.93	102.530		2.40
0+028.90	200mm VB	105.06	102.660		2.40
0+029.83	200mm STUB	105.25	102.850		2.40
*****From 150x200 TEE to Proposed F/HYD (Middle Private Hydrant)**					
0+000	150x200 TEE***	103.63	101.230		2.40
0+003.00	Crossing 200mmØ PVC SAN	103.58	100.008		3.57
0+004.55	Crossing 250mmØ PVCC STM	103.57	100.491		3.08
0+006.32	Crossing 200mmØ CB Lead	103.58	101.176		2.40
0+012.25	150mm V & VB	103.68	101.280		2.40
0+014.07	Proposed F/HYD	103.72	101.320		2.40

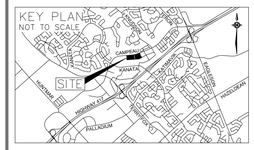
APPROVED
By Allison Hamlin at 7:28 pm, Sep 26, 2022

ALLISON HAMLIN
MANAGER (A), DEVELOPMENT REVIEW WEST
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT
DEPARTMENT, CITY OF OTTAWA

GENERAL NOTES:

THE ENGINEER WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE ENGINEER'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE WORK COMMENCES. DO NOT SCALE DRAWINGS.



KEY PLAN
(N.T.S)

No.	REVISIONS	BY	DATE
10	REVISED AS PER CITY COMMENTS	D.Y.	2022-08-04
09	REVISED WATERMAIN	D.Y.	2022-05-19
08	ISSUED FOR B.P.	D.Y.	2022-05-11
07	RE-ISSUED FOR TENDER	D.Y.	2022-04-26
06	REVISED AS PER CITY COMMENTS	D.Y.	2022-03-29
05	ISSUED FOR TENDER	D.Y.	2022-03-09
04	REVISED AS PER CITY COMMENTS	D.Y.	2021-11-09
03	REVISED AS PER CITY COMMENTS	D.Y.	2021-08-20
02	REVISED AS PER CITY COMMENTS	D.Y.	2021-05-28
01	ISSUED FOR SPA	D.Y.	2020-12-04

HORIZONTAL SCALE:
5m 2 0 5 10m
SCALE: 1:300

DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

LICENSED PROFESSIONAL ENGINEER
D. B. YANG
100230568
2022-08-04
PROVINCE OF ONTARIO
NOT VALID UNLESS SIGNED AND DATED

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CLIENT

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SAI SAPLUS ARCHITECTS | API CONSULTANTS | FABIANI ARCHITECT

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DESIGNED BY:	DRAWN BY:	APPROVED BY:
D.Y.	D.Y.	D.Y./I.J.

PROJECT

6301 CAMPEAU DRIVE
RESIDENTIAL DEVELOPMENT

DRAWING TITLE

DESIGN TABLES
PARCEL 2

PROJECT NO. 201-03048-00

DRAWING NO. C01B

D07-12-20-0171

#18353

FILENAME: V:\1\0-13 MM LD - 2020 Projects\201-03048-00 - 6301 Campeau Drive\3. Drawings\Working drawings\Working drawings\201-03048-00_C.dwg
PLOTDATE: Aug 04, 2022 - 5:29pm, carvy069741